

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099528.D
 Acq On : 15 Oct 2017 22:05
 Operator : SJ/JU
 Sample : I5821-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 01:09:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

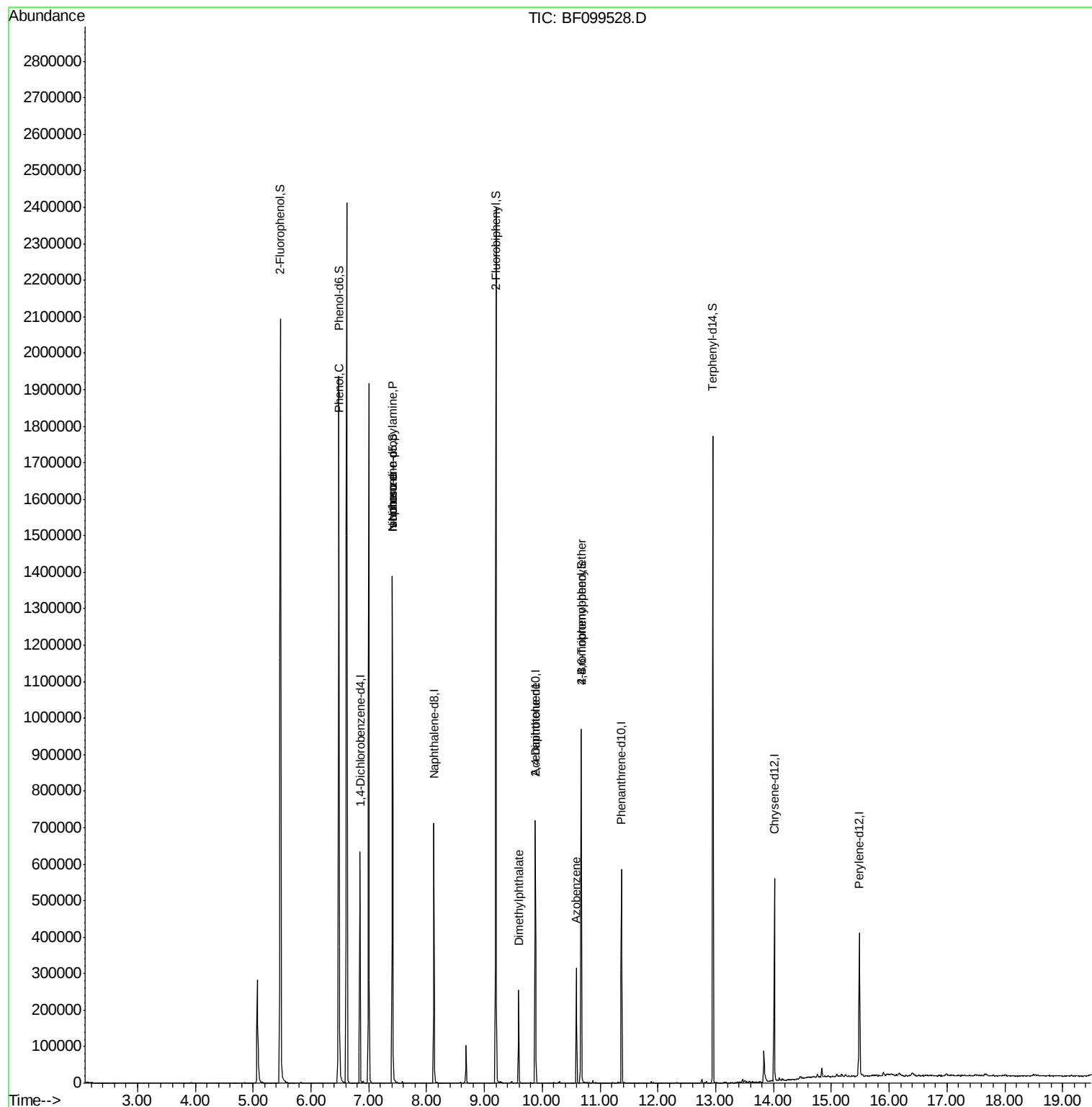
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	93125	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	350609	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	131702	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	193027	20.00	ng	0.00
75) Chrysene-d12	14.02	240	191627	20.00	ng	0.00
86) Perylene-d12	15.49	264	171472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	691220	118.16	ng	0.00
7) Phenol-d6	6.48	99	801131	111.01	ng	0.00
23) Nitrobenzene-d5	7.41	82	465562	85.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	113858	105.65	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	780322	98.91	ng	-0.01
78) Terphenyl-d14	12.95	244	541037	64.21	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.49	94	49045	6.08	ng	99
19) n-Nitroso-di-n-propylamine	7.41	70	57745	12.53	ng	# 75
25) Isophorone	7.41	82	465559	41.19	ng	# 64
49) Dimethylphthalate	9.59	163	99239	9.98	ng	100
56) 2,4-Dinitrotoluene	9.88	165	16062	5.72	ng	# 23
62) Azobenzene	10.59	77	48425	5.42	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	7635	4.04	ng	# 1

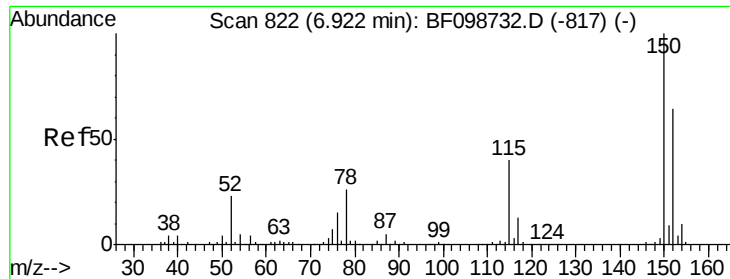
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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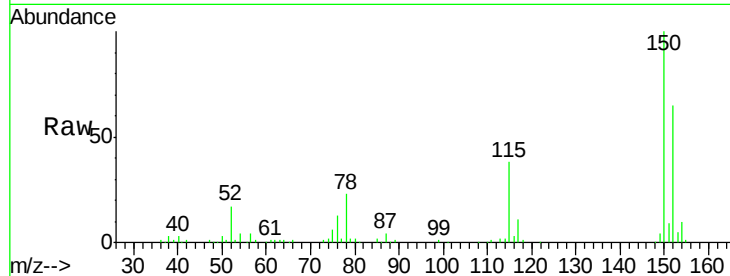


#1

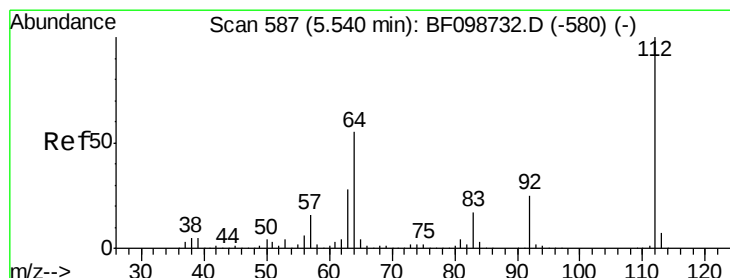
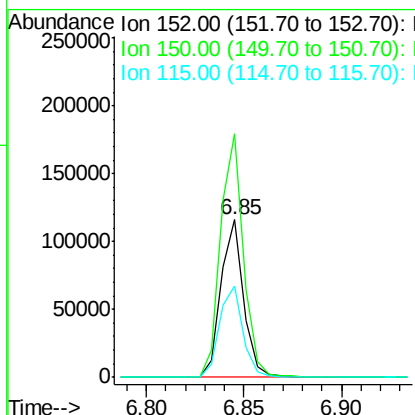
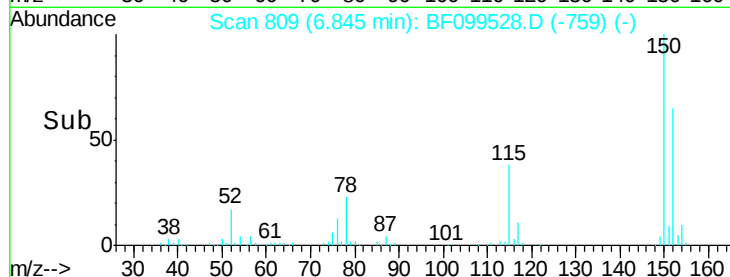
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099528.D
Acq: 15 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	58.1	50.1	75.1



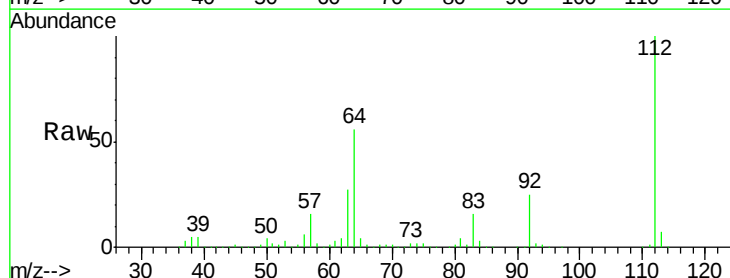
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



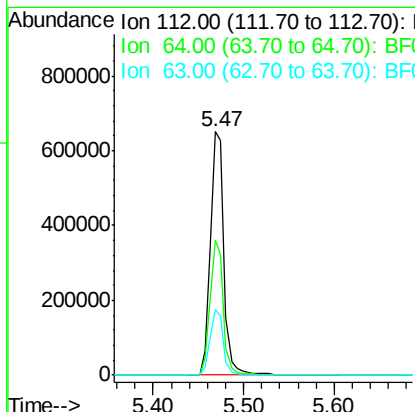
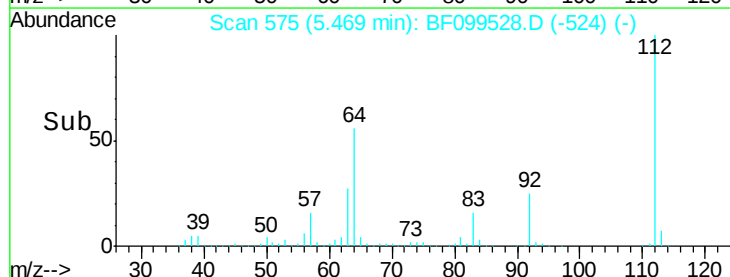
#5

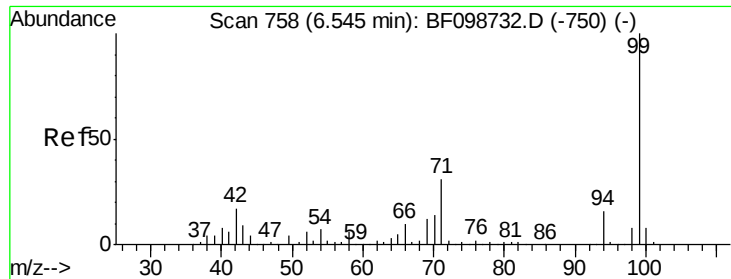
2-Fluorophenol
Concen: 118.16 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF099528.D
Acq: 15 Oct 2017 22:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	27.1	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.01 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099528.D

Acq: 15 Oct 2017 22:05

Instrument :

BNA_F

ClientSampled :

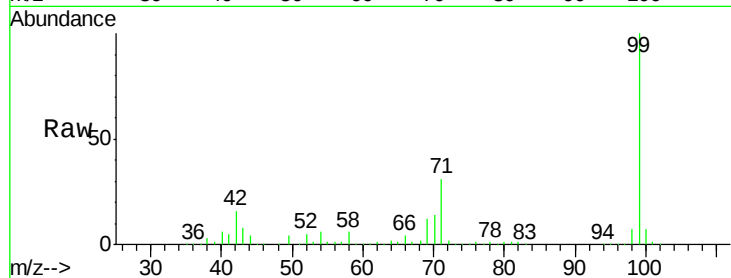
Tot Ion: 99 Resp: 801131

Ion Ratio Lower Upper

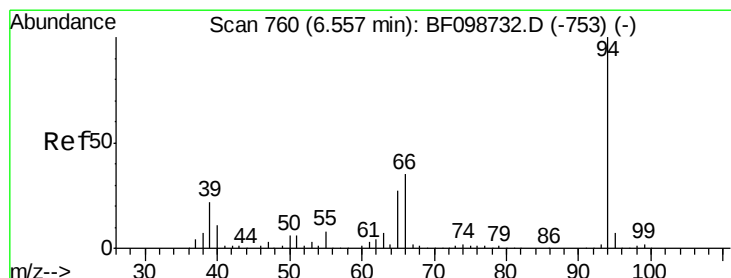
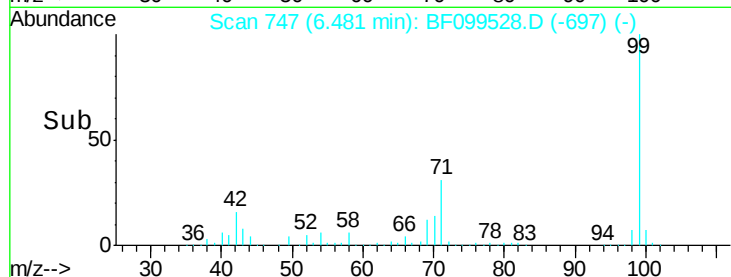
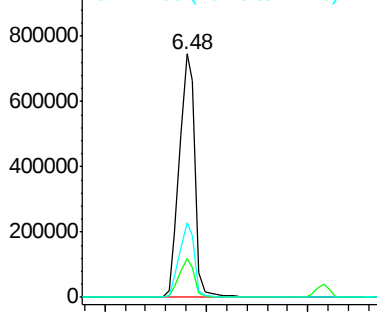
99 100

42 16.0 14.5 21.7

71 30.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 6.08 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099528.D

Acq: 15 Oct 2017 22:05

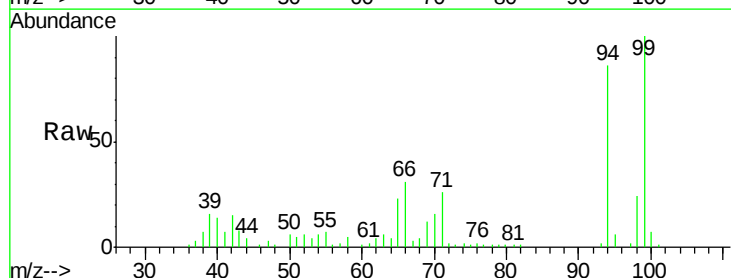
Tgt Ion: 94 Resp: 49045

Ion Ratio Lower Upper

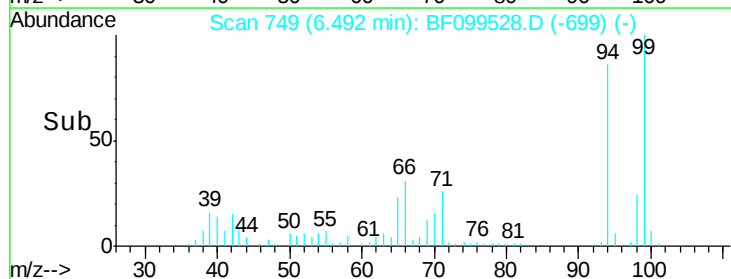
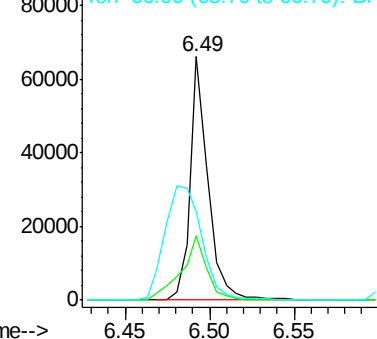
94 100

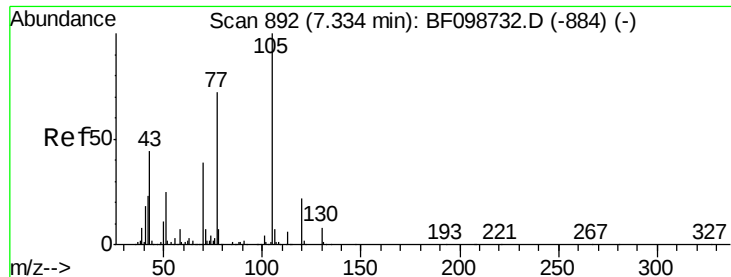
65 26.5 7.9 47.9

66 36.3 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

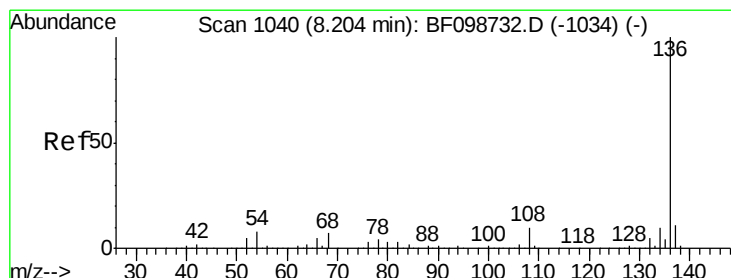
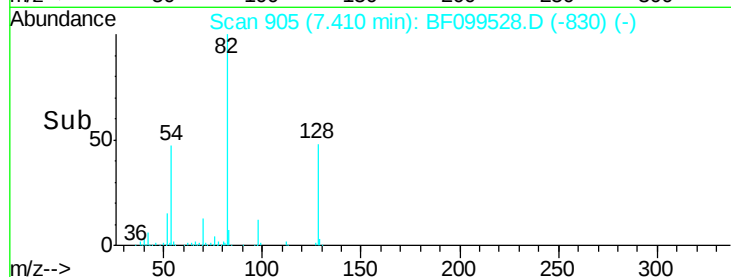
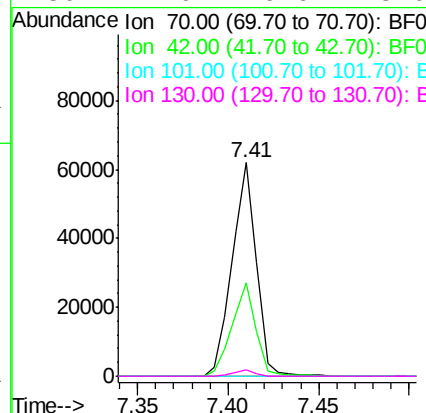
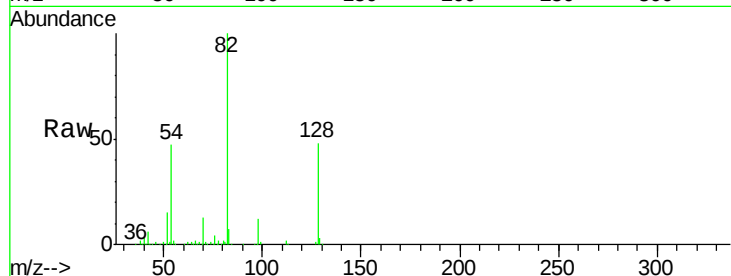




#19
n-Nitroso-di-n-propylamine
Concen: 12.53 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF099528.D
Acq: 15 Oct 2017 22:05

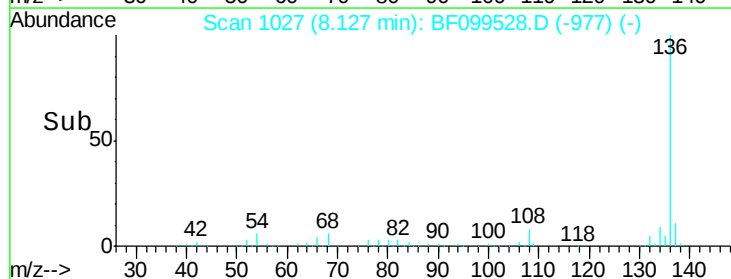
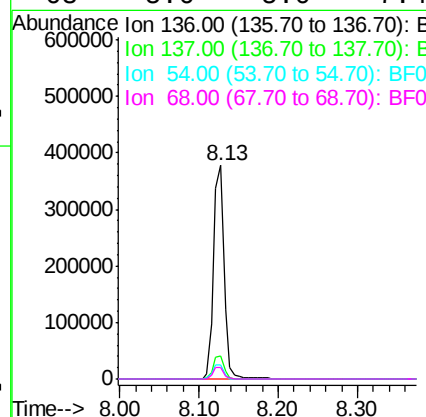
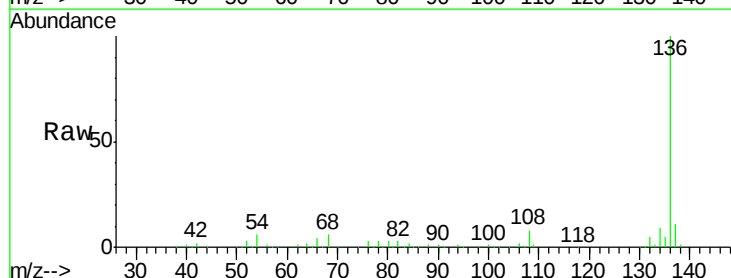
Instrument :
BNA_F
ClientSampleId :

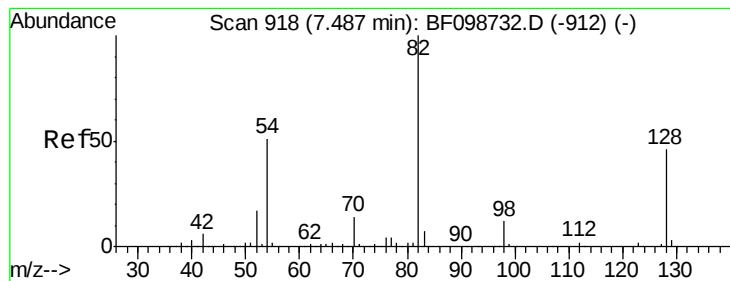
Tot Ion: 70 Resp: 57745
Ion Ratio Lower Upper
70 100
42 44.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099528.D
Acq: 15 Oct 2017 22:05

Tgt Ion: 136 Resp: 350609
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.4 6.6 9.8#
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 85.16 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF099528.D

Acq: 15 Oct 2017 22:05

Instrument :

BNA_F

ClientSampleId :

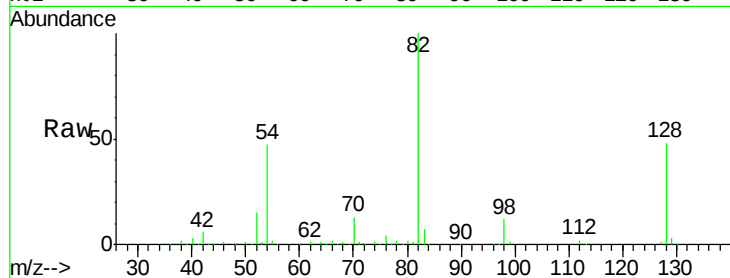
Tot Ion: 82 Resp: 465562

Ion Ratio Lower Upper

82 100

128 47.8 36.1 54.1

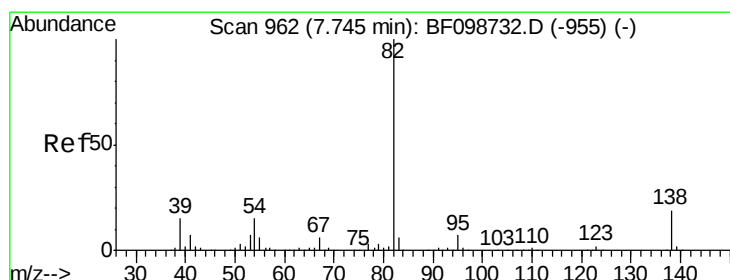
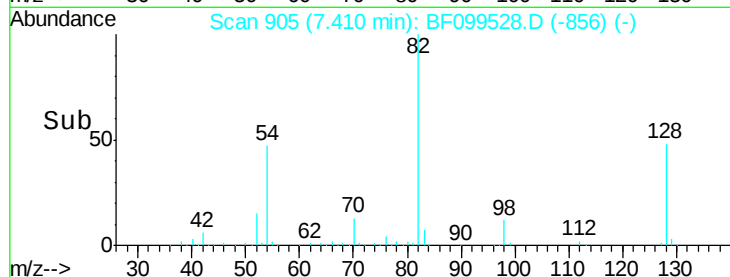
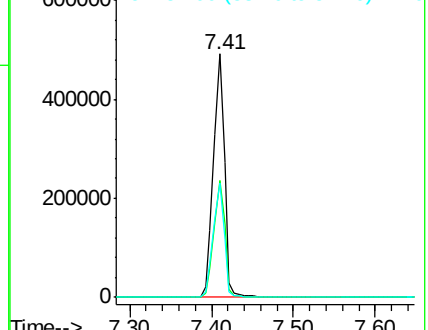
54 47.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 41.19 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF099528.D

Acq: 15 Oct 2017 22:05

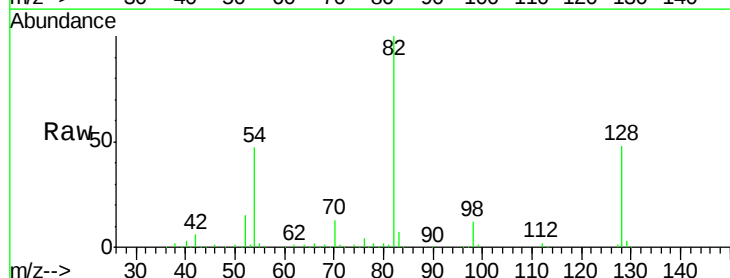
Tgt Ion: 82 Resp: 465559

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

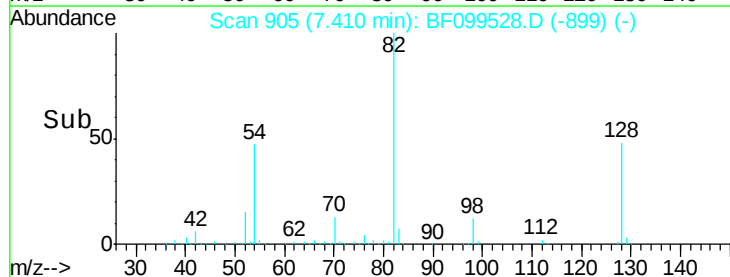
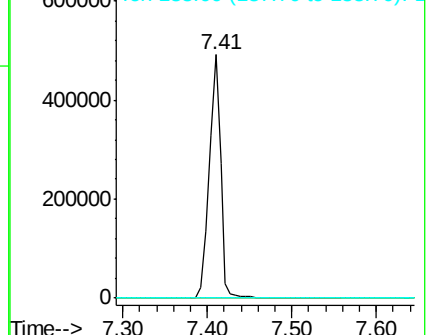
138 0.0 14.9 22.3#

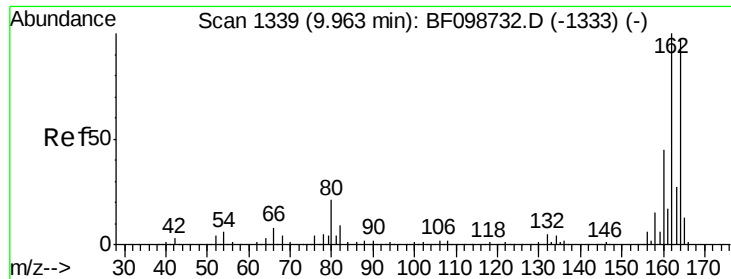


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

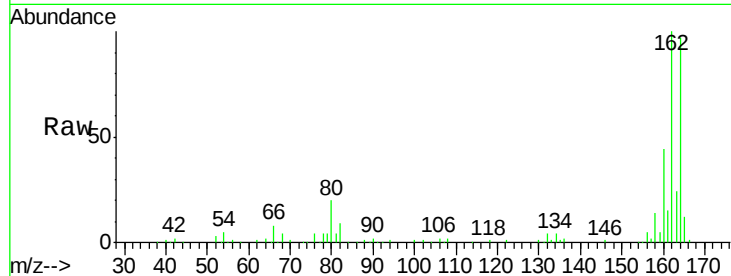




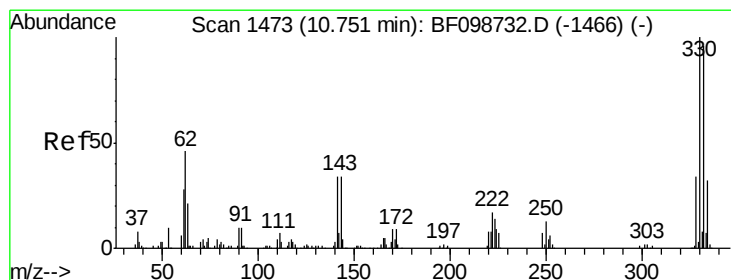
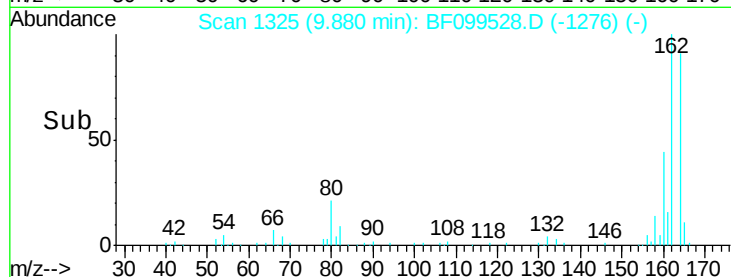
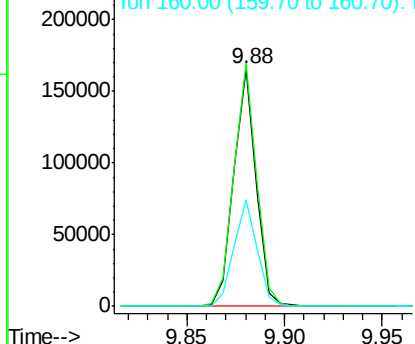
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099528.D
Acq: 15 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 131702
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 45.2 38.3 57.5

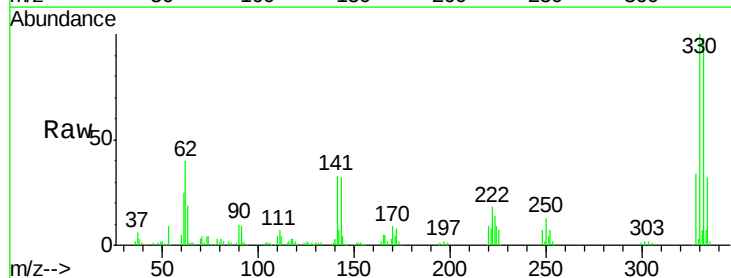


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

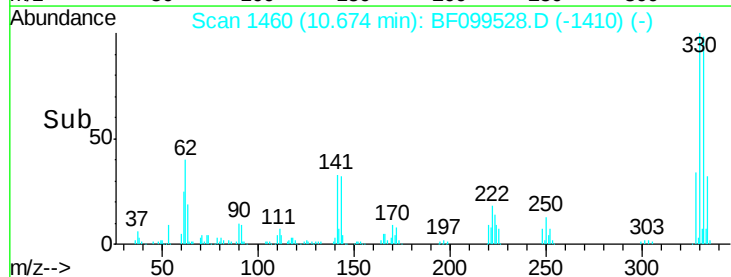
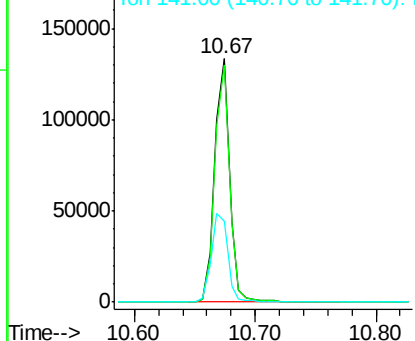


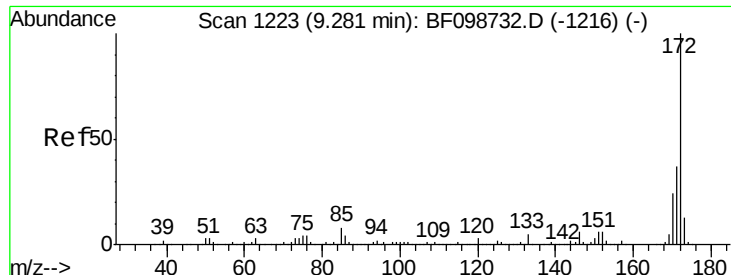
#41
2,4,6-Tribromophenol
Concen: 105.65 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099528.D
Acq: 15 Oct 2017 22:05

Tgt Ion:330 Resp: 113858
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 40.0 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

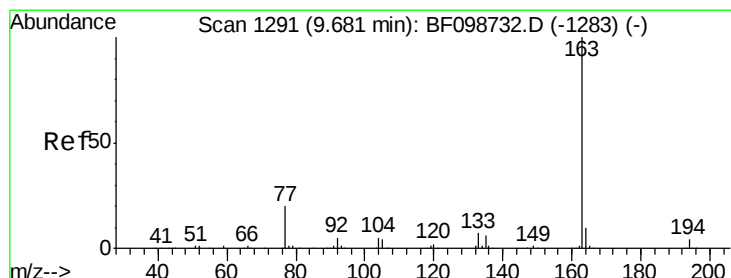
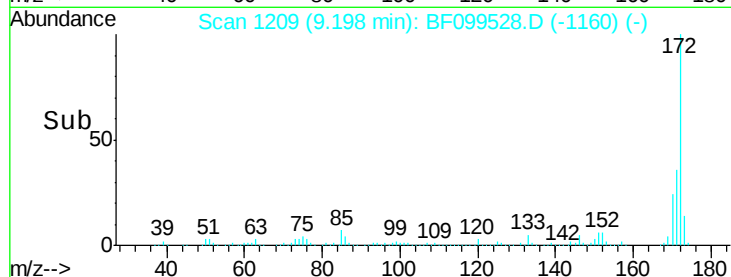
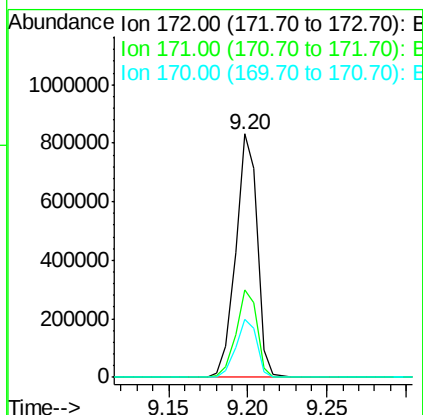
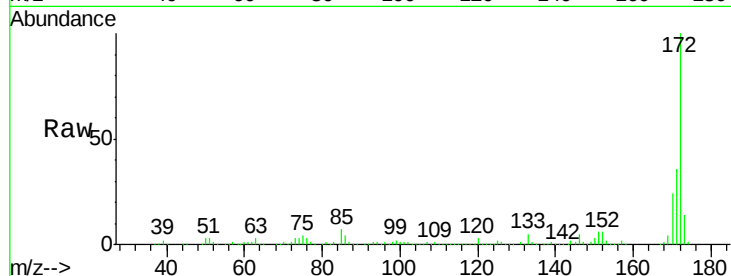




#44
2-Fluorobiphenyl
Concen: 98.91 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099528.D
Acq: 15 Oct 2017 22:05

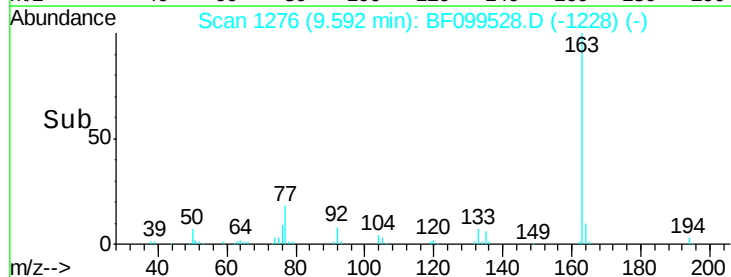
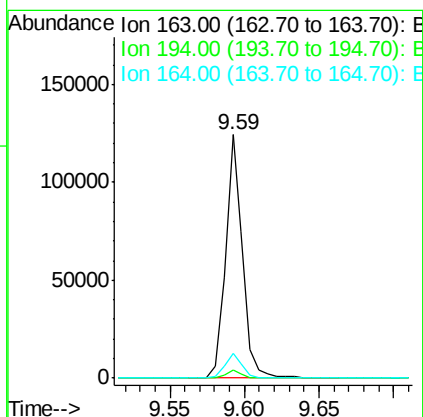
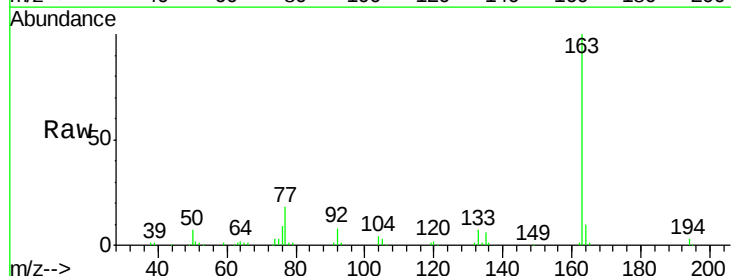
Instrument :
BNA_F
ClientSampleId :

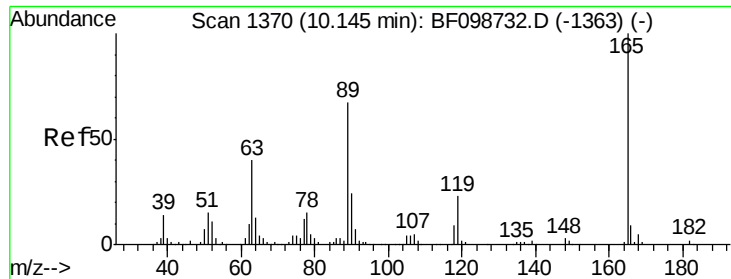
Tot Ion:172 Resp: 780322
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 9.98 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099528.D
Acq: 15 Oct 2017 22:05

Tgt Ion:163 Resp: 99239
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 8.2 12.2

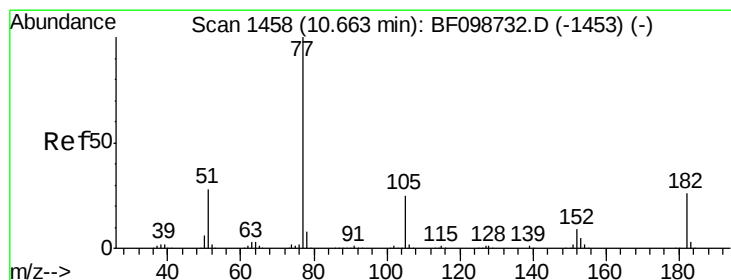
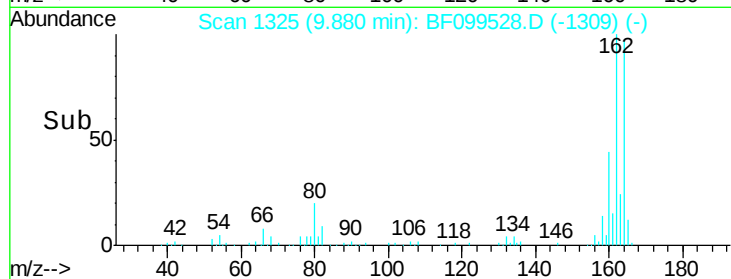
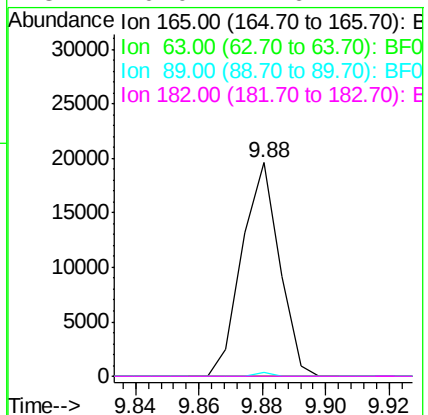
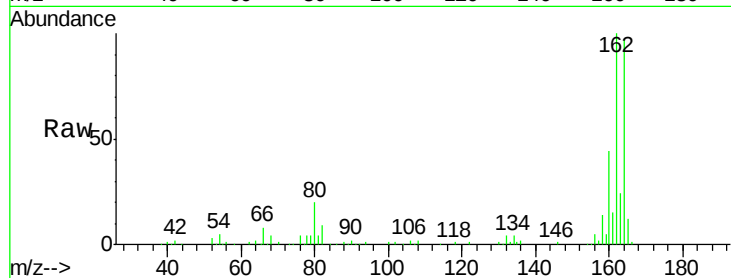




#56
 2,4-Dinitrotoluene
 Concen: 5.72 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.21 min
 Lab File: BF099528.D
 Acq: 15 Oct 2017 22:05

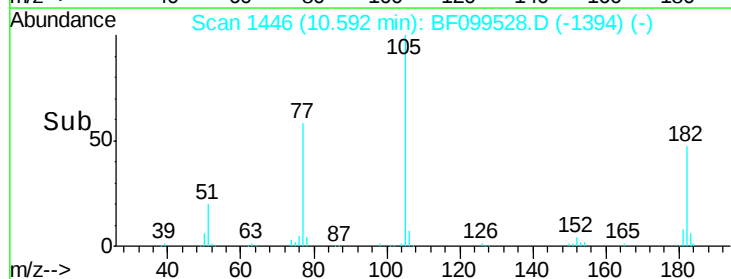
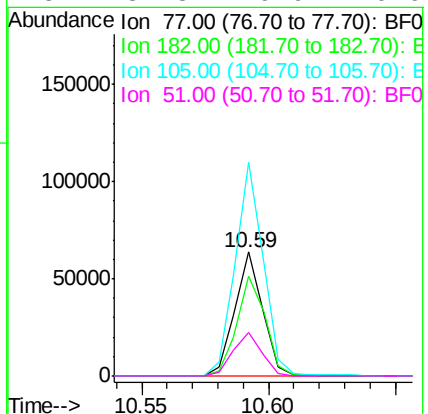
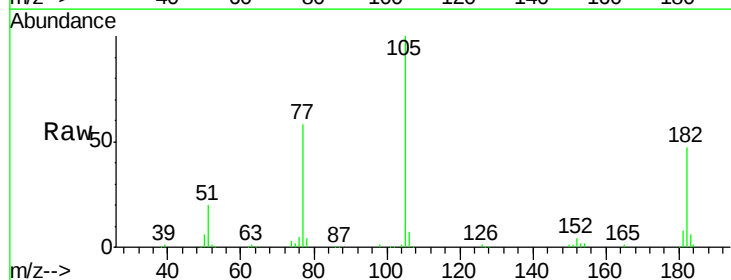
Instrument :
 BNA_F
 ClientSampleId :

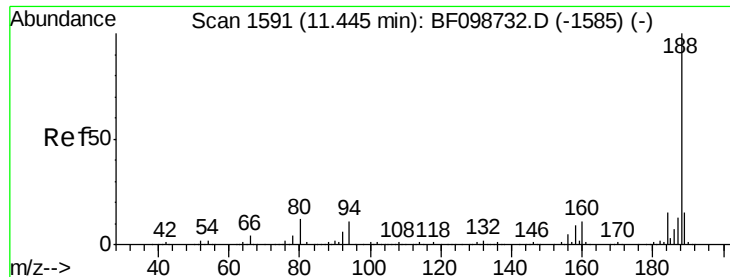
Tot Ion:	165	Resp:	16062
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 5.42 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.01 min
 Lab File: BF099528.D
 Acq: 15 Oct 2017 22:05

Tgt Ion:	77	Resp:	48425
Ion	Ratio	Lower	Upper
77	100		
182	80.3	1.7	41.7#
105	172.7	3.0	43.0#
51	34.8	9.9	49.9

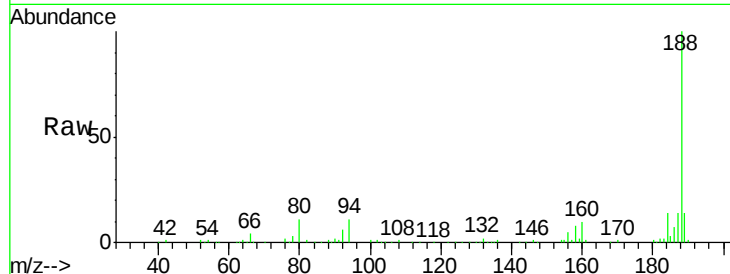




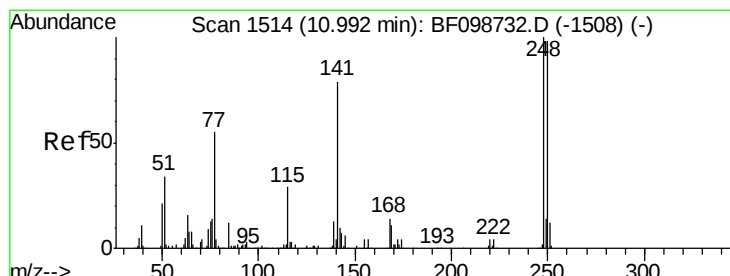
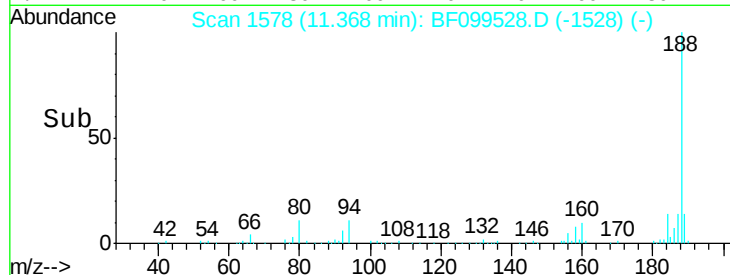
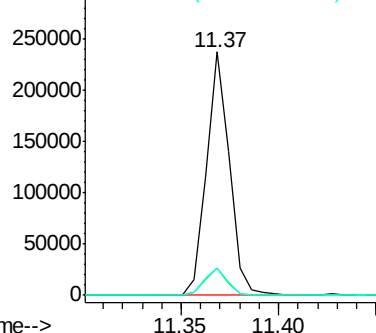
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099528.D
Acq: 15 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 193027
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.4 9.2 13.8

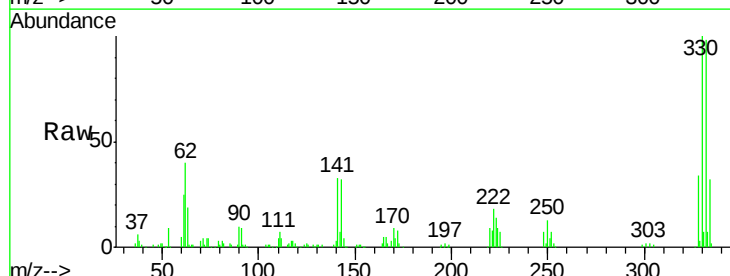


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

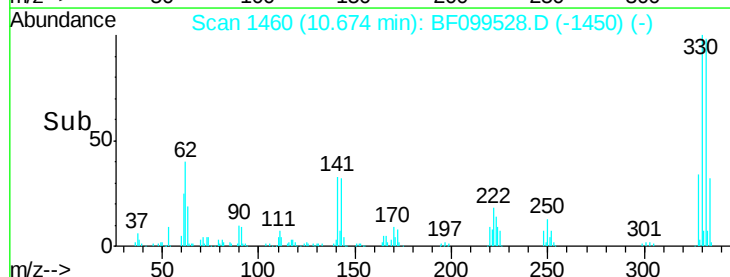
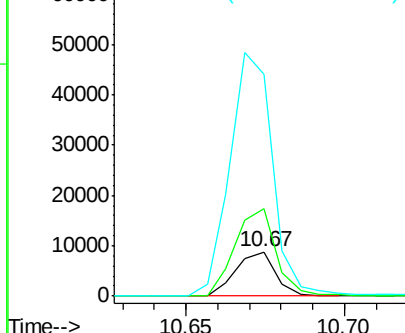


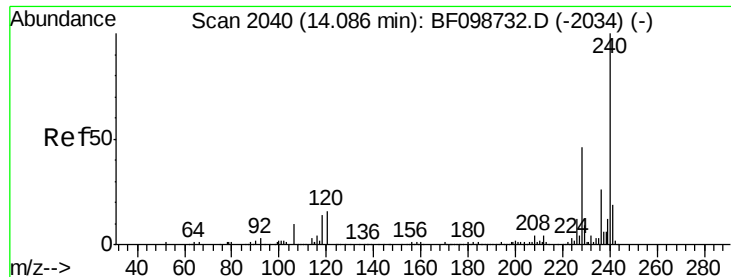
#66
4-Bromophenyl-phenylether
Concen: 4.04 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099528.D
Acq: 15 Oct 2017 22:05

Tgt Ion:248 Resp: 7635
Ion Ratio Lower Upper
248 100
250 198.5 76.9 115.3#
141 501.3 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF099528.D

Acq: 15 Oct 2017 22:05

Instrument :

BNA_F

ClientSampleId :

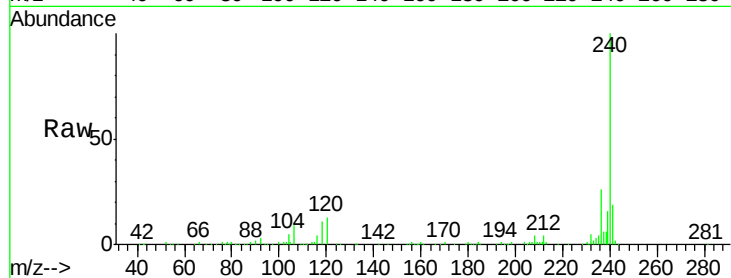
Tot Ion:240 Resp: 191627

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

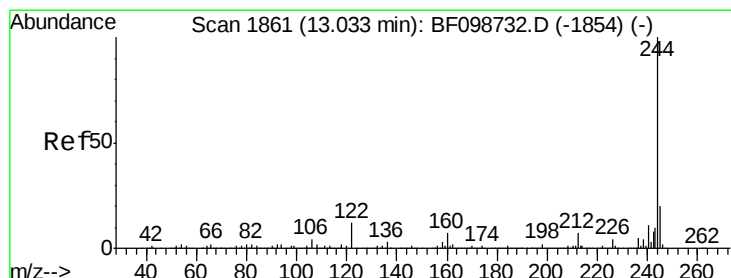
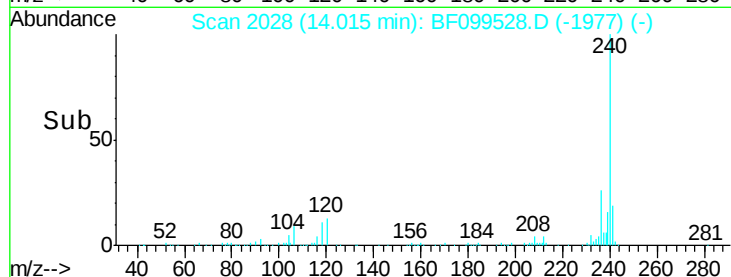
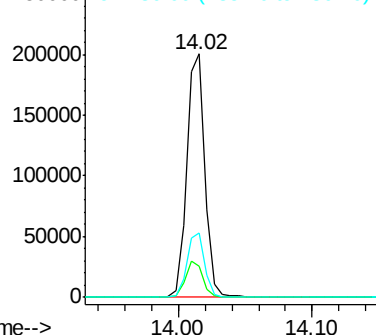
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 64.21 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099528.D

Acq: 15 Oct 2017 22:05

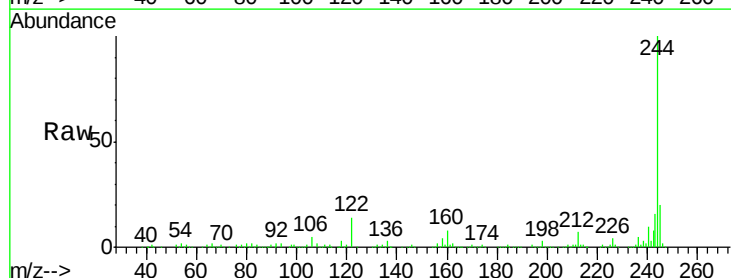
Tgt Ion:244 Resp: 541037

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

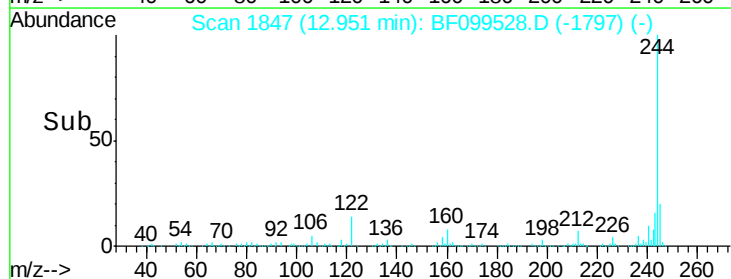
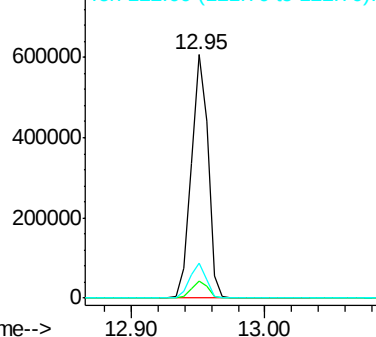
122 14.4 11.0 16.4

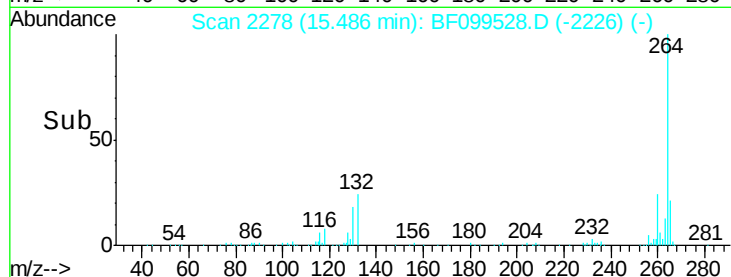
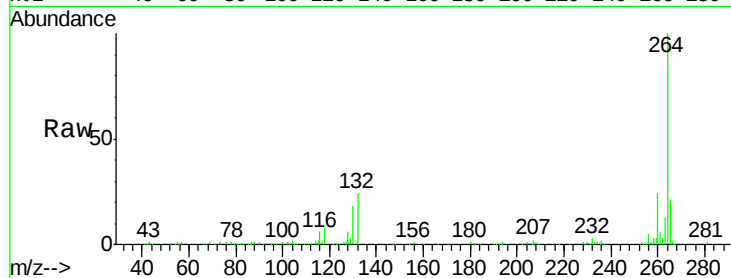
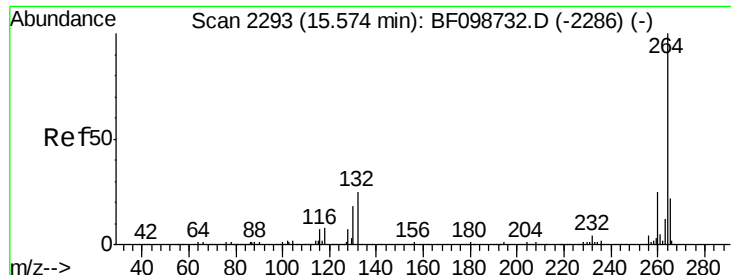


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099528.D
Acq: 15 Oct 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264	Resp:	171472
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.2 28.8
265	21.2	17.5 26.3

